Ports; Development of Freshwater Aquaculture; Integrated Coastal Aquaculture; National Welfare of Fishermen, etc. are implemented for fisheries development in different States/UTs including Coastal States. The conference of State Ministers in charge of Fisheries of Coastal States/UTs was also held on 9.9.2002 to deliberate on important issues concerning fisheries sector for overall development of the sector during Tenth Plan.

Cotton Production

1052. DR. A. K. PATEL: Will the Minister of AGRICULTURE be pleased to state:

(a) the estimated target/production of various brands of cotton in the country during the last two years and the current year, brand-wise and State-wise, particularly in Gujarat;

(b) the total domestic requirement of cotton and the surplus available for export during the above period; and

(c) the total area, as on date, under cotton cultivation in each State, particularly in Gujarat?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV): (a) The production of cotton in the country for 2000-01 and 2001-02 has been estimated at 9.7 million and 11.7 million bales of 170 kgs, each respectively. The current year estimate of production as on 12.11.2002 has been placed at 9.1 million bales against the target of 15.0 million bales. Variety and State-wise production of cotton for 1998-99 and 1999-2000 is given in Statement-I. (*See* below)

(b) The total domestic requirement of cotton as estimated by the Cotton Advisory Board (CAB) for 2000-01 and 2001-02 was placed at 173.03 lakh bales and 173.00 lakh bales respectively. The exportable surplus of cotton is not estimated but the export of cotton during 2000-01 and 2001-02 was placed at 0.60 lakh bales and 1 lakh bales respectively.

(c) State-wise area under cotton cultivation during 2000-01 is given in Statement-II. (*See* below) Due to severe drought this year, the area under cotton cultivation is expected to be lower than that of the previous year.

Statement-I

Estimate of production of cotton State-wise and variety-wise for 1998-99 *and* 1999-2000

States Staple/Variety	Production (Thousand Bales of 170 kgs each)	
	1998-99 (Revised)	1999-2000 (Final)
1	2	3
ANDHRA PRADESH		
(i) Superior Long		(E)
Suvin	15.0	13.0
MCU-5	417.0	421.0
Varalaxmi	89.0	116.0
I.S. Land	9.0	48.0
Total	530.0	598.0
(ii) Long		
H-4 (DHC)	464.0	455.0
Nandium	46.0	51.0
Total	510.0	506.0
(iii) Superior Medium		
Laxmi	44.0	41.0
Parbhani American	33.0	8.0
L-147	48.0	40.0
Buri-1007	4.0	5.0
Jayadhari	17.0	35.0
Humpi	15.0	6.0
Krishna	24.0	17.0
Total	185.0	152.0
(iv) Medium		
N-14	26.0	17.0
Coconadas	4.0	27.0
Ordinary Kumpa	4.0	7.0
Mungari	79.0	63.0
Gowrari	8.0	5.0
Total	121.0	119.0

1	2	3
(v) **Short**		
Chinnaparthi	113.0	123.0
Hyderabad Omans	1.0	3.0
Munagari & Other Variety	82.0	94.0
Total	176.0	220.0
STATE TOTAL	1522.0	1595.0
ASSAM		
Short/Commillas	0.8	0.7
BIHAR		
Short/U.P. Deshi	0.1	0.0
GUJARAT		
(i) **Superior Long**		
Deviraj	13.3	6.8
Gujarat Cot-10 (SRT-I)	95.2	53.6
G-11 (1449)	0.4	—
Varalaxmi	0.7	—
H-4	74.8	34.1
DCH/32	0.1	—
Others (HY-6, 7, 8, 9, 10)	2461.1	1377.0
Total	2645.6	1471.5
(iii) **Superior Medium**		
V-797	415.9	118.0
Sanjay	11.3	2.1
Gujarat-12	58.7	13.6
LRA 5168		
Others (G-13, 15, 16, 17, 19, 21)	623.5	397.6
Total	1109.4	531.3
(iv) **Medium**		
Vagad/Kalyan		
STATE TOTAL	3755.0	2002.8
HARYANA		
(i) **Superior Medium**		
Punjab American	645.0	956.3

1	2	3
(ii) Short (Punjab Deshi)	228.0	347.7
STATE TOTAL	873.0	1304.0
HIMACHAL PRADESH		
Short/Punjab	0.0	0.0
JAMMU & KASHMIR		
Short/Punjab	0.0	0.0
KARNATAKA (E)		
(i) Superior Long		
Varalaxmi	4.7	3.2
DHC-32	600.0	408.7
Total	605.5	411.9
(ii) Superior Medium		
Laxmi	31.7	21.5
Jayadhar	168.5	114.6
AK-235	6.8	4.6
Suyodhar	16.7	11.4
H-4	147.7	100.5
Total	371.4	252.6
STATE TOTAL	976.9	664.5
KERALA		
Superior Medium	24.2	7.7
MADHYA PRADESH		
(i) Superior Long		
Shankar-4	89.2	71.2
Varalaxmi	5.5	12.0
J. K. H.-4	0.3	0.3
Others	–	0.0
Total	95.0	83.5
(ii) Long		
Vijay	0.7	0.0
Badnavar	5.6	11.4
Total	6.3	11.4

1	2	3
(iii) Superior Medium		
A-51-9	18.6	22.2
Indore-2	9.5	13.0
Buri-L-147	2.7	8.6
J.K.H (Jawahar)	153.5	161.4
Malvi Vimar	0.0	0.7
M.P. Combodia	0.3	0.0
Janilla	–	0.0
Total	184.6	205.9
(iv) Medium		
Malihari	2.5	4.4
Narmada-I	1.0	0.0
Total	3.5	4.4
(v) Short		
M.P. Oomaras	0.0	0.1
U.P. Deshi	0.0	0.9
197-3	-	0.0
Others	140.1	111.0
Total	140.1	112.0
STATE TOTAL	429.5	417.2
MAHARASHTRA (E)		
(i) Superior Long		
Varalaxmi	4.0	4.7
MCU-5	18.1	21.4
H-4, H-6	236.6	280.0
DHC-32	32.6	38.6
JKH-1	—	—
SRT-1	10.5	12.4
Others	377.3	446.5
Total	679.1	803.6

1		2	3
(ii)	**Long**		
	PKV-2/AHH-468/NHH-44	690.9	817.6
	DHY-286/B-1007/I-147	57.1	67.6
	0-81	35.0	41.4
	Total	783.0	926.6
(iii)	**Superior Medium**		
	LRA-5166	601.4	711.6
	Other American	124.9	147.8
	Total	726.3	859.4
(iv)	**Short**		
	AKA-8401	74.1	87.7
	AKH-4	65.6	77.6
	AKH-5	34.6	40.9
	Y-1	153.3	181.4
	Others	102.9	121.8
	Total	430.5	509.4
	STATE TOTAL	2618.9	3099.0
MANIPUR			
Short/Comillas		0.0	0.0
MEGHALAYA			
Short/Garo		5.6	5.5
MIZORAM			
Short/Comillas		2.5	2.1
NAGALAND			
Short		0.4	0.4
ORISSA			
Short Chinnaparthi Southern		53.0	61.0
PUNJAB			
(i)	**Superior Medium**		
	Punjab American	479.0	754.6
(ii)	**Short/Punjab**		
	Deshi	116.0	197.4
	STATE TOTAL	595.0	952.0

1	2	3
RAJASTHAN		
(i) Superior Medium		
Punjab American	431.5	610.7
(ii) Medium/Rajasthan		
American	143.4	118.7
Malvi	0.6	6.8
Total	144.0	125.5
(iii) Short		
Rajasthan Deshi	296.5	248.0
STATE TOTAL	872.0	964.2
TAMIL NADU		
(i) Superior Long		
DCH-32	8.8	5.7 (E)
MCU-IX	–	–
MCU-IV	–	–
MCU-V	105.9	117.8
MCU-VII	20.9	
Suvin	8.0	8.3
Varalaxmi	24.7	14.9
Others	67.4	63.4
Total	235.7	210.1
(ii) Superior Medium		
Laxmi		
LRA-5166	165.5	128.3
Total	165.5	128.3
(iii) Medium		
Karunganni-6 & 7	5.1	1.1
STATE TOTAL	406.3	339.5
TRIPURA		
Short/Comillas	0.9	1.0
UTTAR PRADESH (E)		
(i) Superior Medium		
Punjab American	0.2	1.5

(ii) **Short**		
U.P. Deshi	0.6	4.5
STATE TOTAL	0.8	6.0
WEST BENGAL		
Superior Medium		
Parbhani American	0.1	2.0
PONDICHERRY		
Superior Long		
Various types	2.1	1.8
Superior Long	4793.0	3580.4
Long	1299.3	1444.0
Superior Medium	4322.2	4462.3
Medium	273.6	250.0
Short	1451.0	1709.7
TOTAL (ALL INDIA)	12139.1	11446.4

E - Estimated on the basis of data received from the concerned State Government on proportionate basis.

Statement-II

State-wise area under cotton cultivation (2000-01 season)

States	Area (thousand hectares)
Andhra Pradesh	1022.0
Assam	1.7
Bihar	0.0
Gujarat	1615.3
Haryana	555.0
Himachal Pradesh	0.0
Jammu & Kashmir	0.1
Karnataka	560.0
Kerala	4.8
Madhya Pradesh	505.8
Chhattisgarh	0.1
Maharashtra	3076.9
Manipur	0.1
Meghalaya	7.3
Mizoram	0.5
Nagaland	0.3

	(Million tons)
Orissa	40.4
Punjab	474.0
Rajasthan	510.1
Tamil Nadu	193.9
Tripura	0.9
Uttar Pradesh	5.7
West Bengal	1.2
Pondicherry	0.4
All India	8576.5

Paddy and wheat production

1053. SHRI MATILAL SARKAR: Will the Minister of AGRICULTURE be pleased to state:

(a) the quantity of production of paddy and wheat during the last three years stating the country variety, foreign variety and the mixed variety; and

(b) the extent of growing dependence on the World Seed Bank and the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV): (a) Variety-wise estimates of production of paddy and wheat are not maintained. Therefore, the estimates of production of total paddy and wheat in the country during last three years are given below:

(*Million tons*)

Year	Paddy	Wheat
1999-2000	134.52	76.37
2000-01	127.31	68.76
2001-02*	137.42	71.47

*Fourth Advance Estimates as on 27.6.2002

(b) For increasing the production of paddy and wheat, it is necessary to develop new varieties having characteristics of higher yield, tolerance to drought, cold, pests, diseases etc. The indigenous germ plasm is not sufficient to develop such new varieties. The International Treaty on Plant Genetic Resoruces provides a multilateral system of exchange of germ plasm for research purposes to develop new varieties for the benefit of mankind and world food security. Therefore,